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w/p	in same paragraph
not w/p	not in same paragraph
w/seg	in same segment
not w/seg	not in same segment
w/s	in same sentence
not w/s	not in same sentence
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Pat. No. 5290551 (Copy w/ Cite) Pages: 9

Source: Command Searching > Utility, Design and Plant Patents

Terms: 09/036,645 (Edit Search | Suggest Terms for My Search)

985334 (07) 5290551 March 1, 1994

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5290551

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March 1, 1994

Treatment of melanoma with a vaccine comprising irradiated autologous melanoma tumor cells conjugated to a hapten

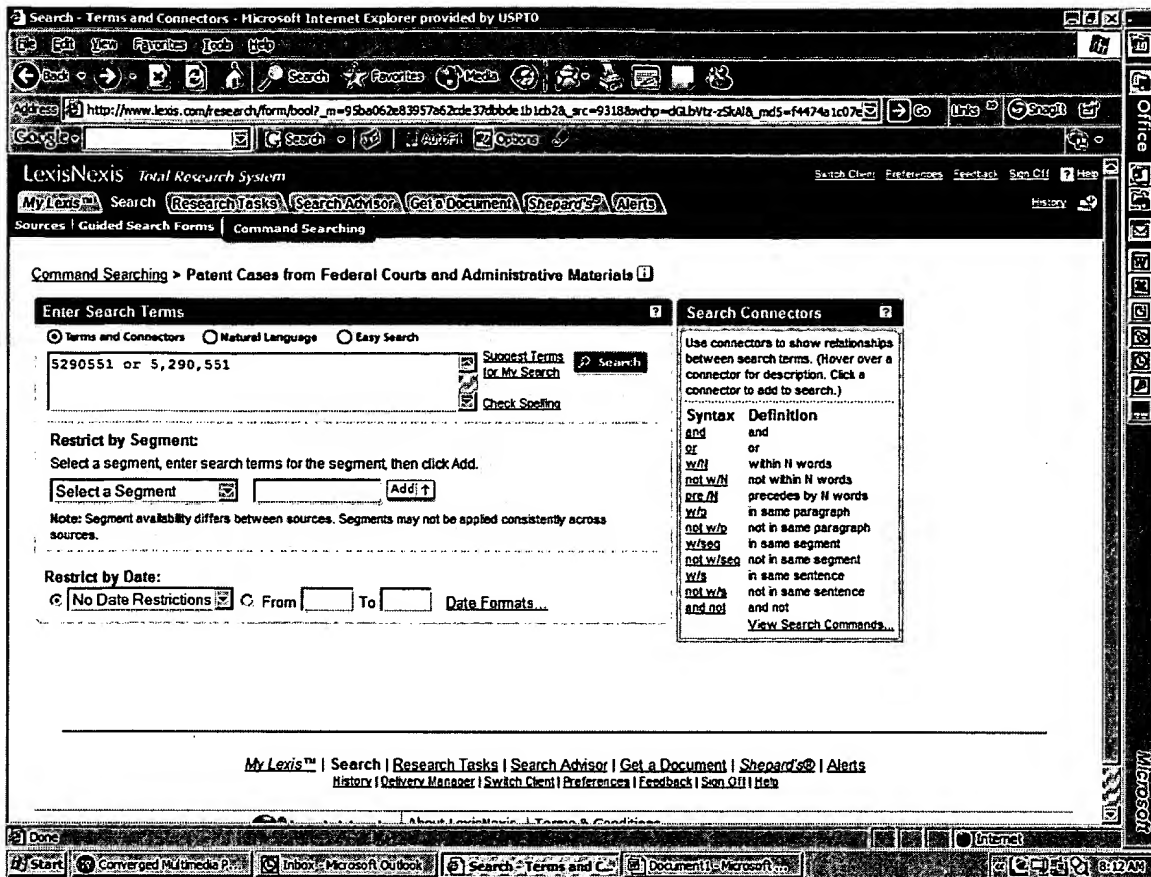
EXPIRATION: March 1, 2002 - due to failure to pay maintenance fees (O.G. April 30, 2002)
October 28, 2002 - REINSTATED due to acceptance of delayed payment of maintenance fee. (O.G. November 26, 2002)

REISSUE: March 6, 1998 - Reissue Application filed Ex. Gp.: 1807; Re. S.N. 09/036,645 (O.G. April 28, 1998)

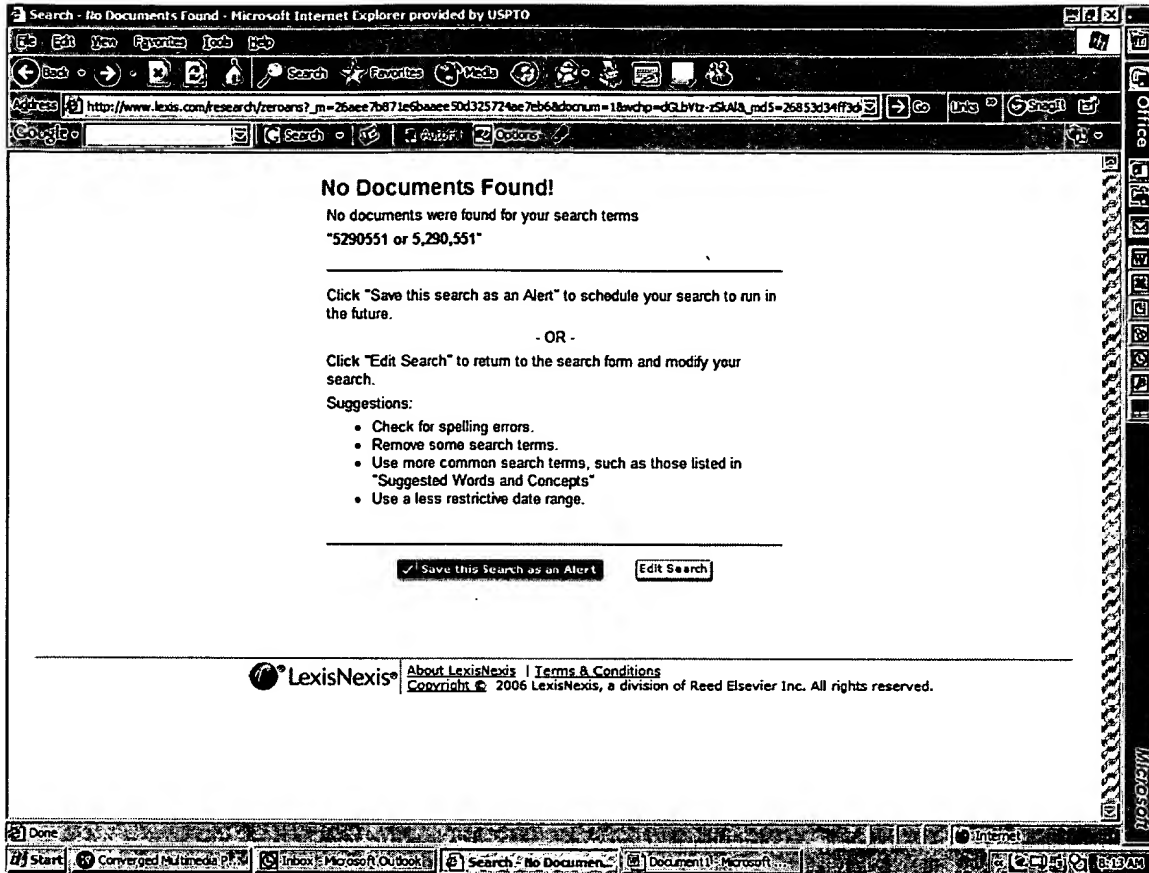
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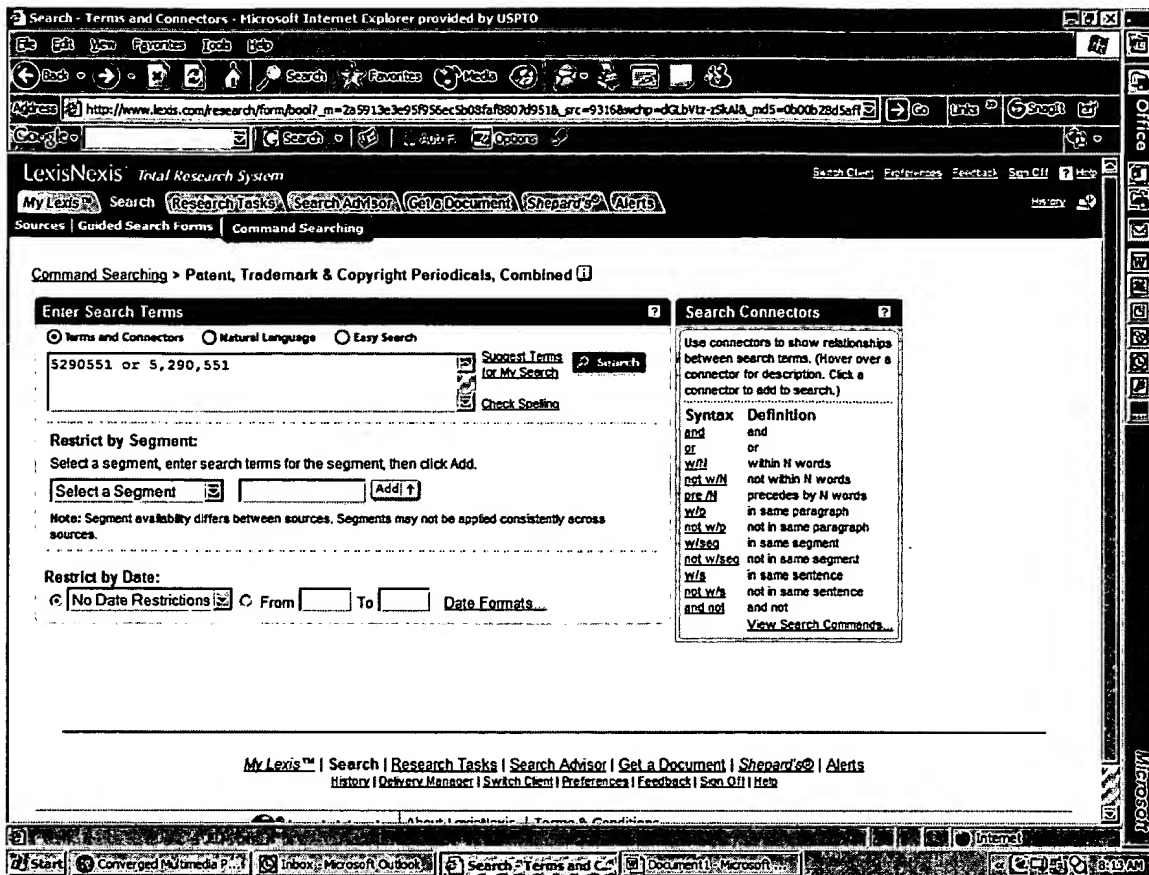
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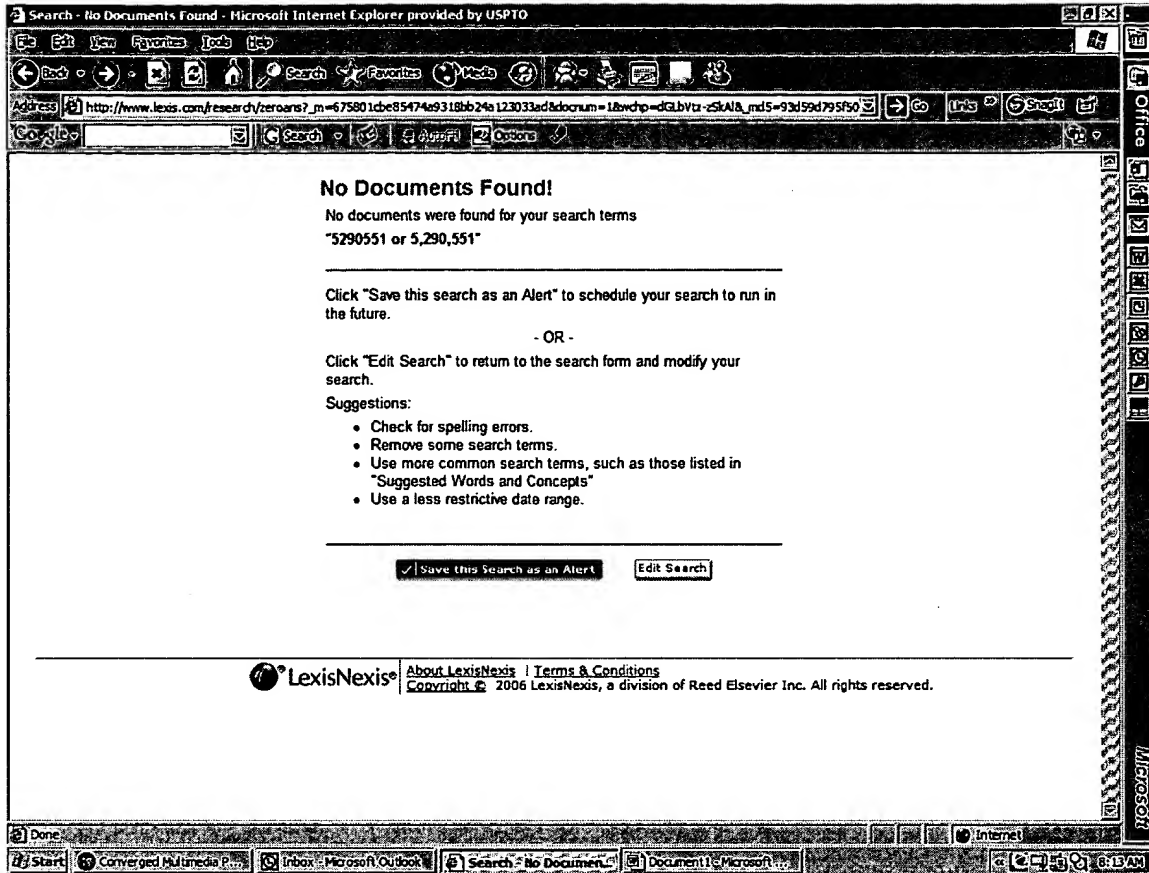
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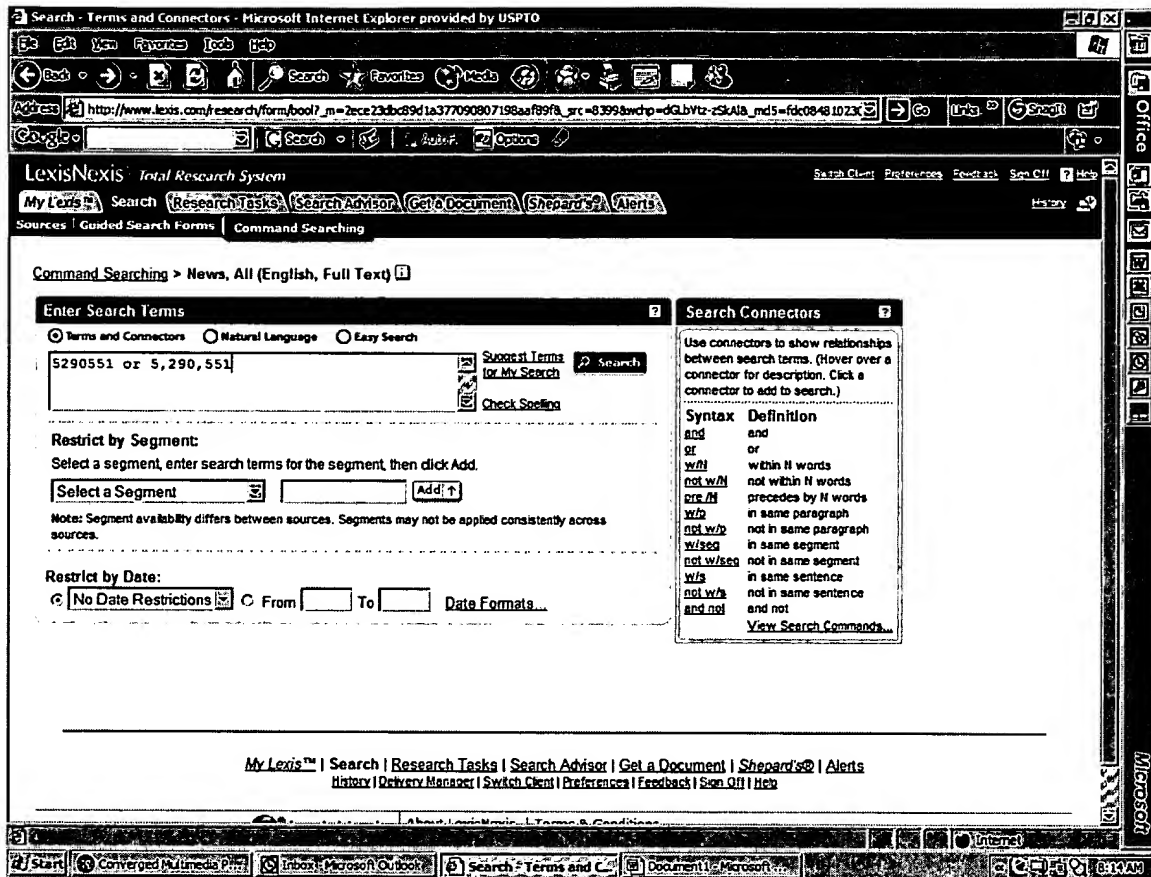
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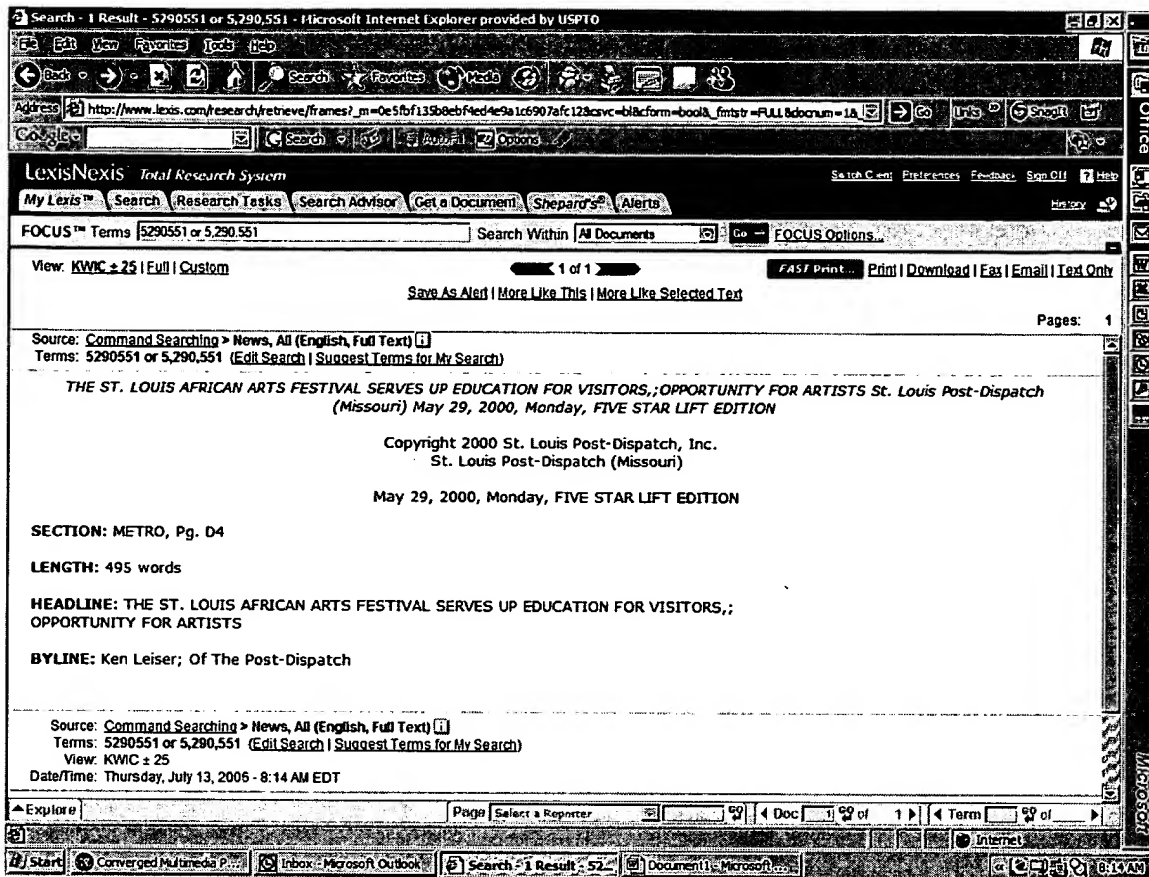
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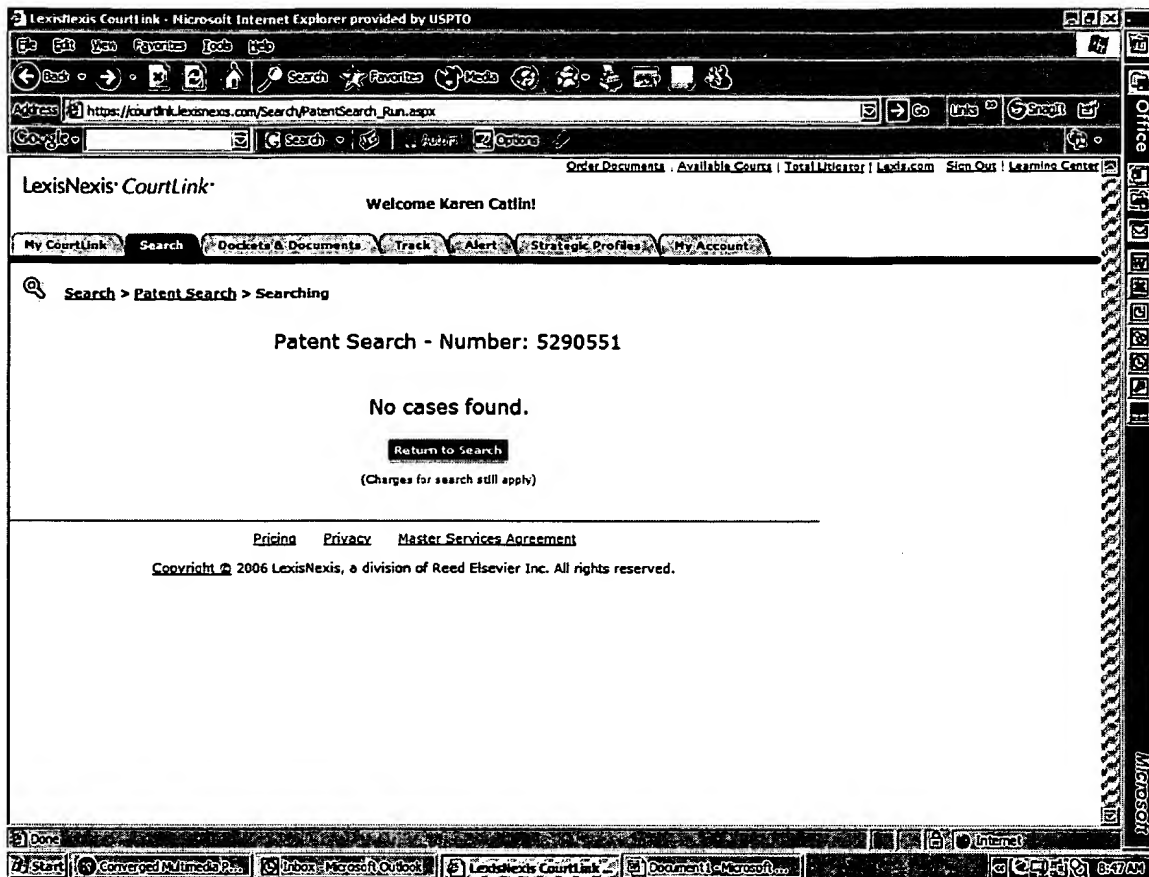
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Research Information:

Utility, Design and Plant Patents
09/036,645

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1 of 1 DOCUMENT

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5290551

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March 1, 1994

Treatment of melanoma with a vaccine comprising irradiated autologous melanoma tumor cells conjugated to a hapten

REISSUE: March 6, 1998 - Reissue Application filed Ex. Gp.: 1807; Re. S.N. 09/036,645 (O.G. April 28, 1998)

INVENTOR: Berd, David - Wyncote, Pennsylvania, United States (US)

APPL-NO: 985334 (07)

FILED-DATE: December 4, 1992

GRANTED-DATE: March 1, 1994

ASSIGNEE-AT-ISSUE: Thomas Jefferson University, Philadelphia, Pennsylvania, United States (US), United States company or corporation (02)

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Patent Number :

US5290551 A 19940301 [US5290551]

Title :

(A) Treatment of melanoma with a vaccine comprising irradiated
autologous melanoma tumor cells conjugated to a hapten

Patent Assignee :

(A) UNIV JEFFERSON (US)

Patent Assignee :

Thomas Jefferson University, Philadelphia PA [US]

Inventor(s) :

(A) BERD DAVID (US)

Application Nbr :

US98533492 19921204 [1992US-0985334]

Filing Details :

Cont. of US520649 19900508 [1990US-0520649] (Abandoned)

Priority Details :

US98533492 19921204 [1992US-0985334]

US52064990 19900508 [1990US-0520649]

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Patent Number :

US5290551 A 19940301 [US5290551]

Application Number :

US98533492 19921204 [1992US-0985334]

Action Taken :

19980428 US/RF-A

REISSUE APPLICATION FILED

EFFECTIVE DATE: 19980306

20020430 US/FP-A [-]

EXPIRED DUE TO FAILURE TO PAY MAINTENANCE FEE

EFFECTIVE DATE: 20020301

20021126 US/PRDP-A [+]

PATENT REINSTATED DUE TO THE ACCEPTANCE OF A LATE MAINTENANCE FEE

EFFECTIVE DATE: 20021028

Update Code :

2003-22

1 / 1 CRXX - ©CLAIMS/RRX

Patent Number :

5,290,551 A 19940301 [US5290551]

Patent Assignee :

Jefferson, Thomas University

Actions :

19980306 REISSUE REQUESTED

ISSUE DATE OF O.G.: 19980428

REISSUE REQUEST NUMBER: 09/036645

EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1807

Reissue Patent Number:

20020430 EXPIRED (20020301)

20021126 REINSTATED (20021030)